

[HOUSEHOLD EMERGENCY POWER GENERATOR]

Abstract

A household emergency power generator is described. The generator set uses gas as the fuel. Accordingly, the gas fuel can be supplied to the generator set through the general gas supply pipeline, therefore the disadvantages of storing oil fuel and the risk thereof can be effectively eliminated. The generator set is equipped with an automatic transfer switch (ATS). When the general power cut occurs, the ATS automatically supplies gas to the generator set to set it into an operation mode to generate power for supplying to the power supply circuit, and when the general power is restored, the ATS cuts the gas supply to stop the generator set. Thus, the power supply to the power supply circuit remains uninterrupted.